

an anode formed on the front substrate;
phosphor formed on the anode; and
an extraction electrode formed on the front substrate on which the anode is formed,
the extraction electrode being separated from the anode by a predetermined distance and
upon selective biasing acts to extract electrons away from impinging on the phosphor
formed on the anode.

2. (Amended) A triode field emission display (FED) using carbon nanotubes,
comprising:

front and rear substrates disposed to face each other and separated by a
predetermined distance;
cathode lines formed on the rear substrate in a striped pattern;
carbon nanotubes formed on the cathode lines at regular intervals;
anode lines formed on the front substrate in a striped pattern crossing the cathode
lines;
phosphor formed on the anode lines; and
extraction electrodes formed on the front substrate on which the anodes are formed,
each extraction electrode being separated from each adjacent anode by a predetermined
distance, the extraction electrodes being formed in a striped pattern parallel to the anode
lines and upon selective biasing act to extract electrons away from impinging on the
phosphor formed on the anode.

3. (Amended) A triode field emission display (FED) using carbon nanotubes, comprising:

front and rear substrates disposed to face each other and separated by a predetermined distance;

a cathode formed on the rear substrate;

electron emitters formed on the cathode;

an anode formed on the front substrate;

phosphor formed on the anode; and

an extraction electrode formed on the front substrate on which the anode is formed, the extraction electrode being separated from the anode by a predetermined distance and upon selective biasing acts to extract electrons away from impinging on the phosphor formed on the anode.

4. (Amended) A triode field emission display (FED) using carbon nanotubes, comprising:

front and rear substrates disposed to face each other and separated by a predetermined distance;

cathode lines formed on the rear substrate in a striped pattern;

electron emitters formed on the cathode lines at regular intervals;

anode lines formed on the front substrate in a striped pattern crossing the cathode lines;

phosphor formed on the anode lines; and

extraction electrodes formed on the front substrate on which the anodes are formed, each extraction electrode being separated from each adjacent anode by a predetermined distance, the extraction electrodes being formed in a striped pattern parallel to the anode lines and upon selective biasing act to extract electrons away from impinging on the phosphor formed on the anode.